



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Russell Prater Creek TSS Wasteload Report 2017-Q2

07-01-2016 to 06-30-2017

Watershed Information

Stressor:	TSS	Watershed Acres:	16,388
Wasteload Allocation:	38,700	Watershed Permits:	6
EPA TMDL Approval Date:	6/22/2006	Watershed Outfalls:	20

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	38,700	36,300	38,700
Wasteload ⁵	2,400	4,538	6,938
Wasteload Balance	36,300	31,762	31,762
Wasteload Reduction Required ⁶	0	0	0
Percent Reduction Required ⁷	0.0 %	0.0 %	0.0 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1101946	0	0	0	0	0	0
1101993	0	0	0	0	0	0
1302166	121	0	0	0	121	0
1102164	0	0	0	0	0	0
1102188	2,279	0	0	0	2,279	0
1102233	0	0	4,538	0	4,538	0
Total	2,400	0	4,538	0	6,938	0

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.